

FIG. 1

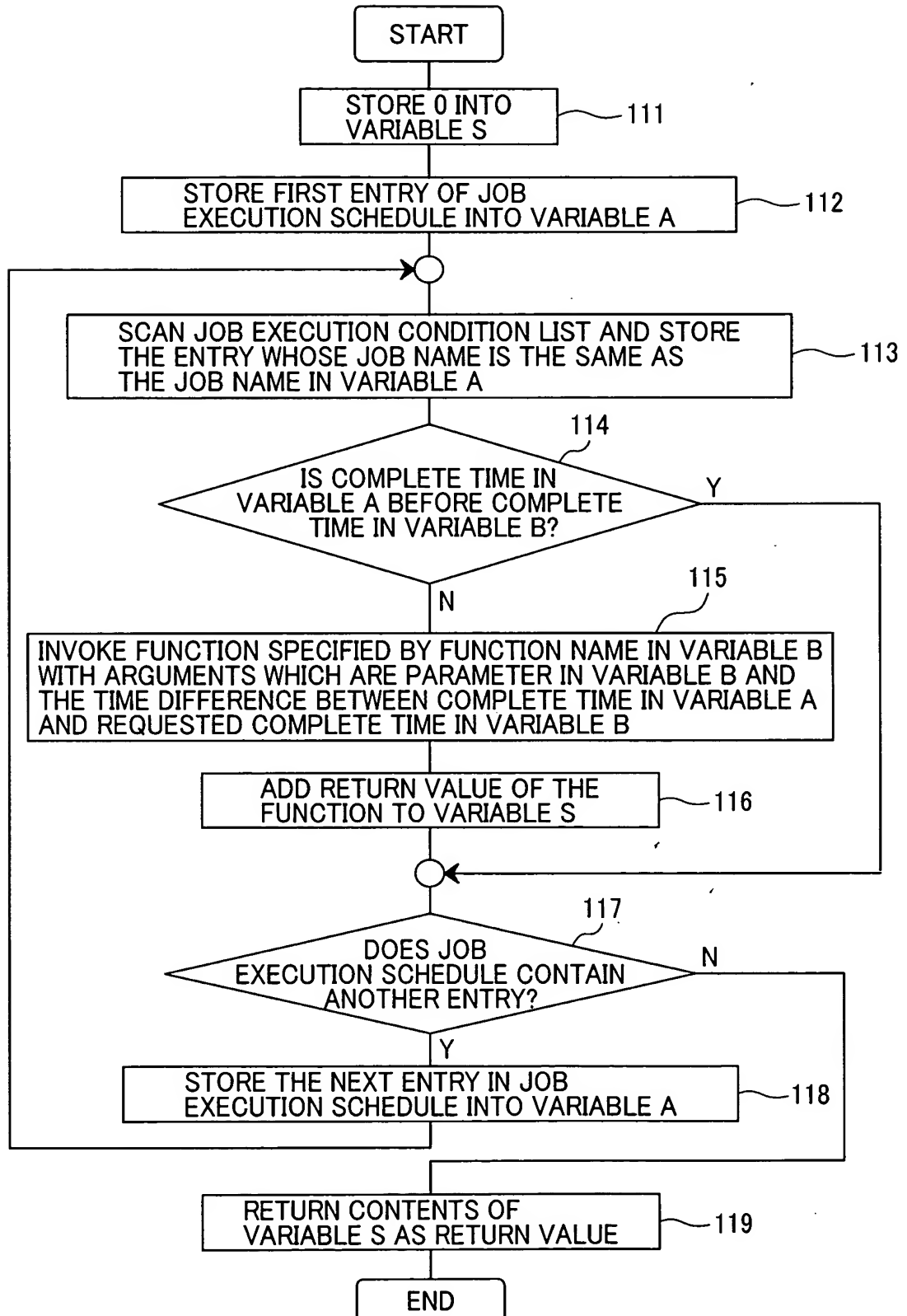


FIG.2

200

JOB EXECUTION SCHEDULE

JOB NAME <u>202a</u>	START TIME <u>203a</u>	COMPLETE TIME <u>204a</u>	COMPUTER NAME <u>205a</u>	201a
JOB NAME <u>202b</u>	START TIME <u>203b</u>	COMPLETE TIME <u>204b</u>	COMPUTER NAME <u>205b</u>	201b
JOB NAME <u>202c</u>	START TIME <u>203c</u>	COMPLETE TIME <u>204c</u>	COMPUTER NAME <u>205c</u>	201c
⋮				

FIG.3

JOB EXECUTION CONDITION LIST

300	301a	302a	303a	304a	305a
	JOB NAME	REQUESTED COMPLETE TIME	LOSS EVALUATION FUNCTION	PARAMETER	
301b	302b	303b	304b	305b	
	"JOB A"	"04:00AM"	"MULTIPLY 100,000,000 TO DELAY, AND ADD PARAMETER TO IT AND RETURN IT AS AMOUNT OF LOSS"	"50,000,000"	
301c	302c	303c	304c	305c	
	"JOB B"	"06:00AM"	"RETURN PARAMETER AS AMOUNT OF LOSS REGARDLESS OF DELAY"	"50,000,000"	
⋮					

FIG.4

ACTION LIST

SERIAL NUMBER OF ACTIONS	ACTION TO USER INTERFACE	ACTION OF CONTROLLER	METHOD TO RESCHEDULE
1	"DO NOTHING"	"REQUEST TO RESTART THE JOB"	"JOBS SCHEDULED TO EXECUTED IN THE SAME COMPUTER WILL BE DELAYED AFTER THE JOB WILL COMPLETE"
2	"REQUEST TO DISPLAY MESSAGE ON DISPLAY AND NOTIFY ADMINISTRATOR"	"STOP THE JOB"	"SCHEDULE WILL NOT BE CHANGED"

•
•
•

FIG.5

EVENT LIST

500

SERIAL NUMBER OF EVENTS	EVENT TYPE	LIST OF POSSIBLE ACTIONS
1	"COMPUTER DOWN"	"2"
2	"PROGRAM THAT CONSISTS THE JOB ENDS ABNORMALLY"	"1,2"

•
•
•

FIG.6

600 POLICY RULE LIST

611a	612a	613a	614a	
JOB NAME	TIME	SERIAL NUMBER OF EVENT	SERIAL NUMBER OF ACTION	601a
611b	612b	613b	614b	
"JOB A"	"WITHIN 30 MINUTES AFTER THE START OF THE JOB"	"2"	"1"	601b
611c	612c	613c	614c	
"JOB A"	"30-60 MINUTES PASSED AFTER THE START OF THE JOB"	"2"	"2"	601c
• • •				

FIG.7

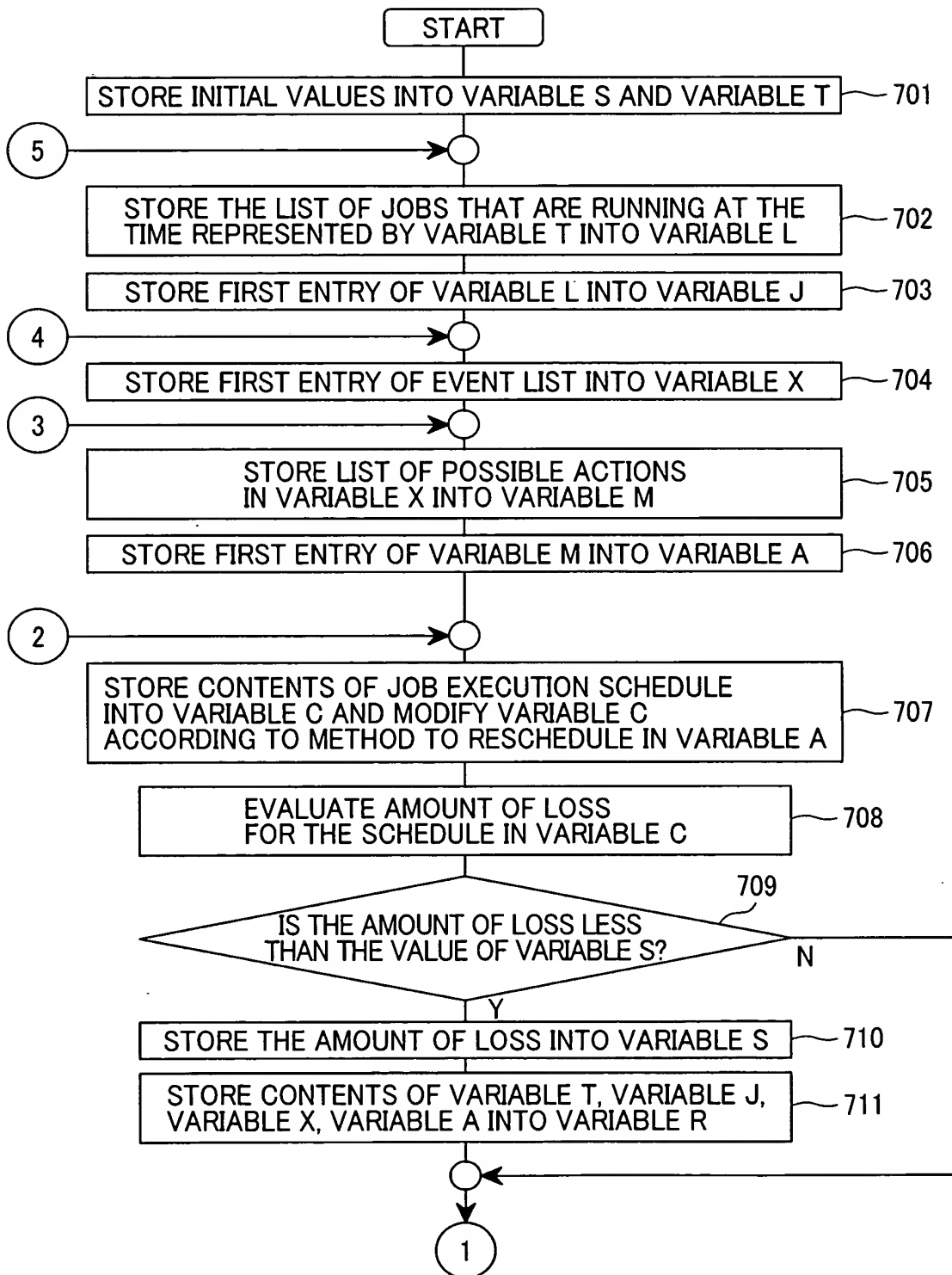


FIG.8

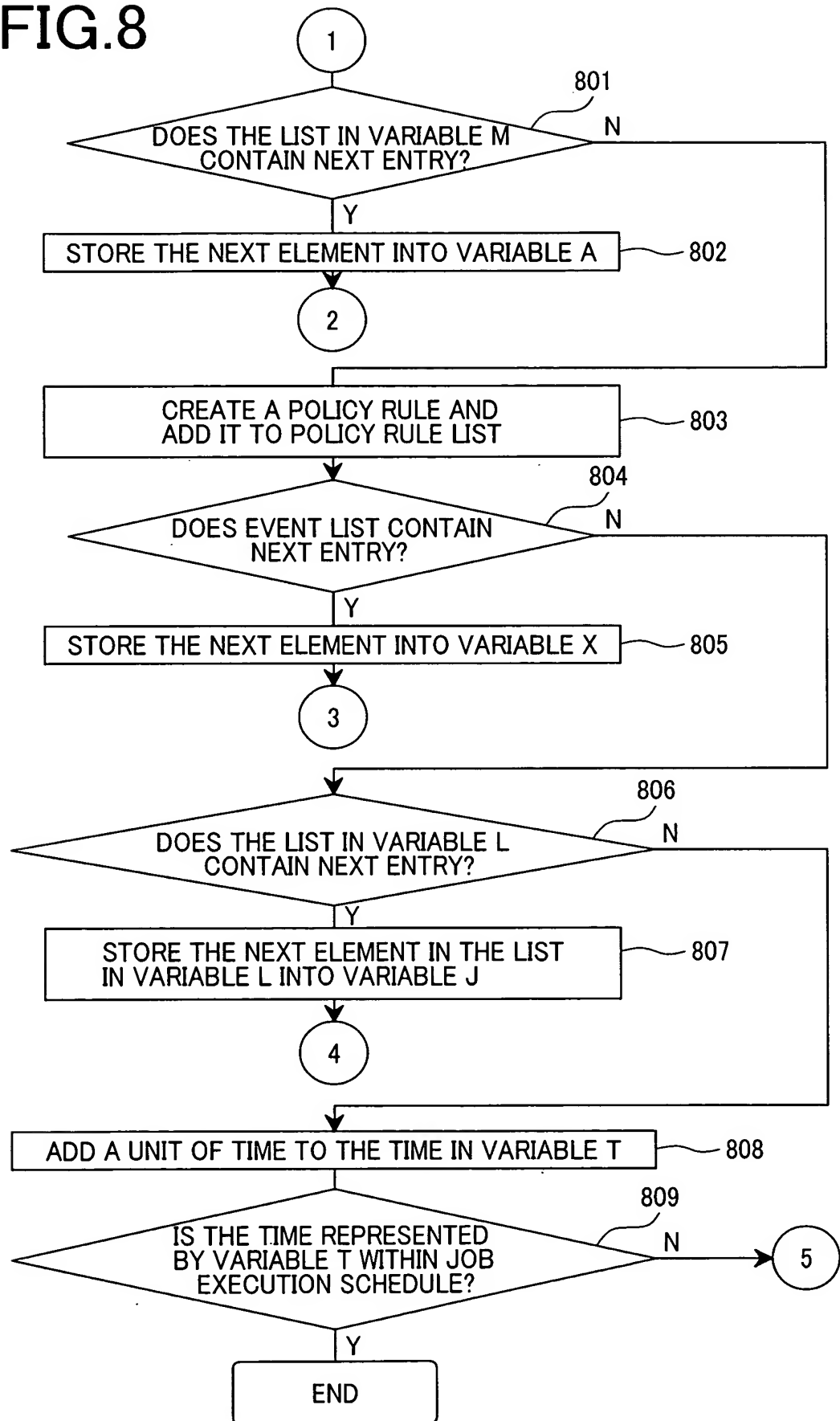


FIG. 9

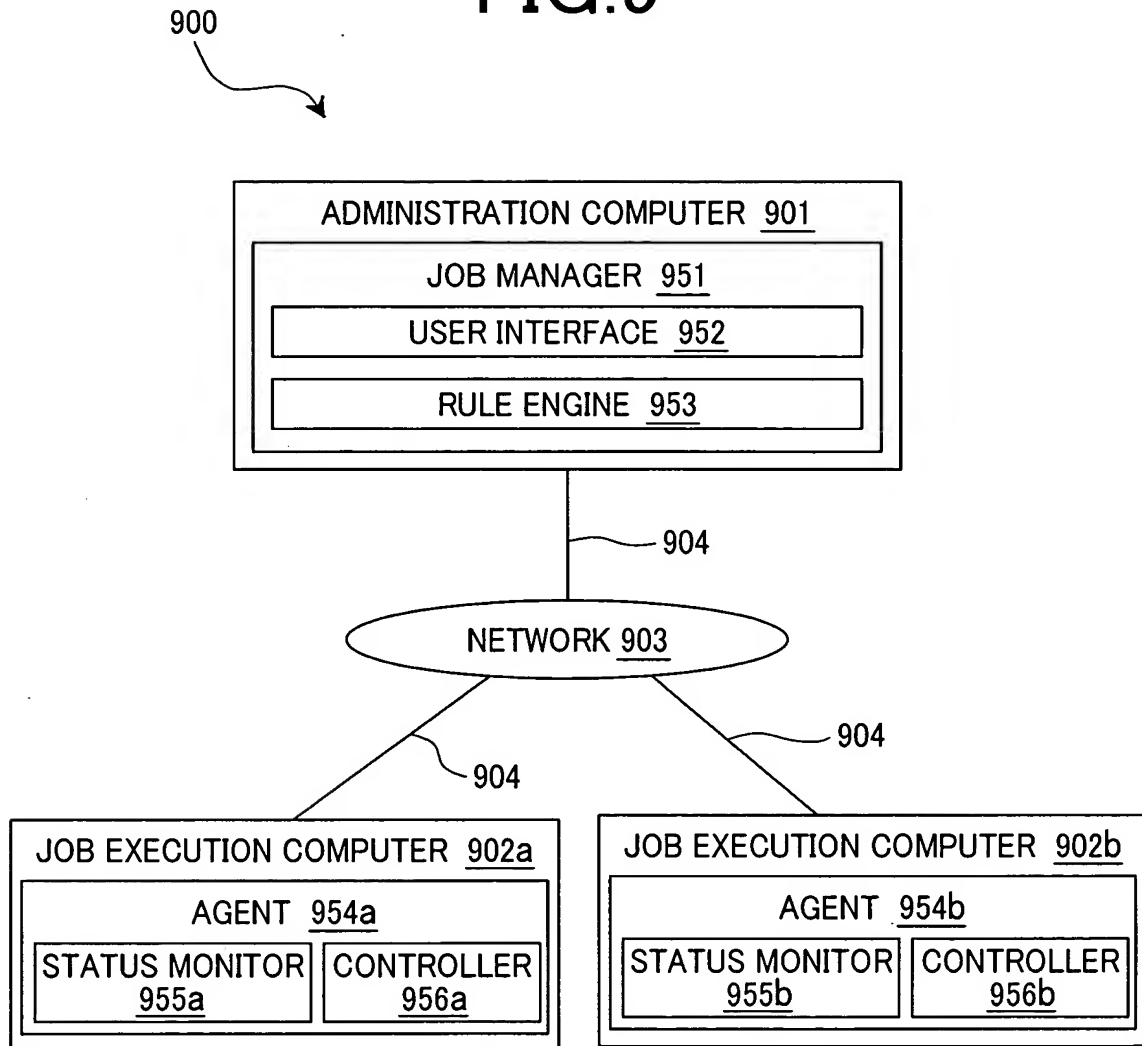


FIG.10

